

CLAIMS

What is claimed is:

1 1. Integrated communication and power system, comprising:
2 at least one first transformer located on shore, at least one second
3 transformer located offshore, conductors connecting the first
4 transformer with the second transformer, said conductors
5 conducting electric power and communication signals, characterized
6 in at least four conductors of which at least three conduct electric
7 power, at least one of said conductors being galvanically insulated
8 from at least one of the other conductors, the communication signals
9 being conducted in two galvanically insulated conductors.

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1 2. System according to claim 1, characterized in that the conductors
2 form at least two pairs in a double single phase (quad) arrangement.

3
1 3. System according to claim 1, characterized in that the conductors
2 form a three phase arrangement plus a single conductor.